

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4	("6827429" or "6883904").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/03 10:35
S1	52	("6588888" "6572222" "6536873" "6527357" "6517197" "6508543" "6491362" "6457797" "6367909" "6217163" "6213595" "6079821" "5224843" "4914522" "4956648" "4384296" "4347521" "4275401" "3709432" "3373437" "1941001" "20030174190" "20030112302" "20030081064").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/08 15:19
S2	6	("6588888" "6572222" "6536873" "6527357" "6517197" "6508543" "6491362" "6457797" "6367909" "6217163" "6213595" "6079821" "5224843" "4914522" "4956648" "4384296" "4347521" "4275401" "3709432" "3373437" "1941001" "20030174190" "20030112302" "20030081064").pn. and (steer\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/20 14:55
S3	1	10/824507 and steering	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/20 15:22
S4	1	"347"/\$3 and (chamber or container or recess) same (orifice or hole or nozzle or ejector) same (steer\$3) same heat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/20 16:28
S5	2	"20020130931"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/20 16:27
S6	15	"347"/\$3 and (steer\$3 with actuator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/20 14:57

## EAST Search History

S7	1	"347"/\$3 and (steer\$3 with mechanical near actuator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/20 14:58
S8	15	("6588888" "6572222" "6536873" "6527357" "6517197" "6508543" "6491362" "6457797" "6367909" "6217163" "6213595" "6079821" "5224843" "4914522" "4956648" "4384296" "4347521" "4275401" "3709432" "3373437" "1941001" "20030174190" "20030112302" "20030081064").pn. and actuator	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/20 15:22
S9	22	("6588888" "6572222" "6536873" "6527357" "6517197" "6508543" "6491362" "6457797" "6367909" "6217163" "6213595" "6079821" "5224843" "4914522" "4956648" "4384296" "4347521" "4275401" "3709432" "3373437" "1941001" "20030174190" "20030112302" "20030081064").pn. and actuat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/20 15:03
S10	8	("6588888" "6572222" "6536873" "6527357" "6517197" "6508543" "6491362" "6457797" "6367909" "6217163" "6213595" "6079821" "5224843" "4914522" "4956648" "4384296" "4347521" "4275401" "3709432" "3373437" "1941001" "20030174190" "20030112302" "20030081064").pn. and (actuat\$3 or paddle) with (steer\$3 or direct\$3 or path)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/20 15:06
S11	1	"347"/\$3 and (steer\$3 with paddle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/20 15:06
S12	85	"347"/\$3 and ((steer\$3 or direct\$3 or path\$3 or re\$direct\$3) with ink with paddle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 15:08

## EAST Search History

S13	0	"347"/\$3 and ((steer\$3) with ink with paddle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 15:07
S14	83	"347"/\$3 and ((steer\$3 or direct\$3 or re\$direct\$3) with ink with paddle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 15:08
S15	981	(ink with actuat\$3) and (actuat\$3 with paddle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 15:08
S16	905	(ink with actuat\$3) same (actuat\$3 with paddle)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 15:11
S17	731	(ink with actuat\$3) same (actuat\$3 with paddle) and "347"/\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 15:08
S18	122	(ink with actuat\$3) same (actuat\$3 with (paddle and valve)) and "347"/\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 15:10
S19	94	(ink with actuat\$3) same (actuat\$3 with ((paddle with chamber) and valve)) and "347"/\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 15:10
S20	0	(ink with actuat\$3) same (actuat\$3 with ((paddle with chamber) and valve)) and "347"/\$3 not silverbrook	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 15:10

## EAST Search History

S21	18	(ink with actuat\$3) same (actuat\$3 with paddle) and "347"/\$3 not silverbrook	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 15:16
S22	0	(ink with actuat\$3) same (actuat\$3 with paddle same steer\$3) and "347"/\$3 not silverbrook	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 15:13
S23	14	(ink with actuat\$3) same (actuat\$3 with paddle same (steer\$3 or direct\$3)) and "347"/\$3 not silverbrook	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 15:13
S24	264	(ink with actuat\$3) same (actuat\$3 with valve) and "347"/\$3 not silverbrook	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 15:18
S25	4	(ink with actuat\$3) same (actuat\$3 with valve with mechanical) and "347"/\$3 not silverbrook	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 15:19
S26	0	(ink with actuat\$3) same (actuat\$3 with valve with steer\$3) and "347"/\$3 not silverbrook	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 15:18
S27	74	"347"/\$3 and (steer\$3 or direct\$3) with (valve) with actuat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 15:21
S28	14	"347"/\$3 and (steer\$3 or directing or directed) with (valve) with actuat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 15:21

## EAST Search History

S29	8	("6588888" "6572222" "6536873" "6527357" "6517197" "6508543" "6491362" "6457797" "6367909" "6217163" "6213595" "6079821" "5224843" "4914522" "4956648" "4384296" "4347521" "4275401" "3709432" "3373437" "1941001" "20030174190" "20030112302" "20030081064").pn. and actuator and valve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/20 15:22
S30	8	("6588888" "6572222" "6536873" "6527357" "6517197" "6508543" "6491362" "6457797" "6367909" "6217163" "6213595" "6079821" "5224843" "4914522" "4956648" "4384296" "4347521" "4275401" "3709432" "3373437" "1941001" "20030174190" "20030112302" "20030081064").pn. and actuator and valve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 16:14
S31	1	10/824507 and valve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/08 14:50
S32	2137	mechanical near actuat\$3 with valve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/20 15:25
S33	8	mechanical near actuat\$3 with valve and "347"/\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/20 15:25
S34	4	("6588888" "6572222" "6536873" "6527357" "6517197" "6508543" "6491362" "6457797" "6367909" "6217163" "6213595" "6079821" "5224843" "4914522" "4956648" "4384296" "4347521" "4275401" "3709432" "3373437" "1941001" "20030174190" "20030112302" "20030081064").pn. and actuator same valve	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 15:49

## EAST Search History

S35	10	("6588888" "6572222" "6536873" "6527357" "6517197" "6508543" "6491362" "6457797" "6367909" "6217163" "6213595" "6079821" "5224843" "4914522" "4956648" "4384296" "4347521" "4275401" "3709432" "3373437" "1941001" "20030174190" "20030112302" "20030081064").pn. and heat same (direct\$3 or steer\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 15:46
S36	12	("6588888" "6572222" "6536873" "6527357" "6517197" "6508543" "6491362" "6457797" "6367909" "6217163" "6213595" "6079821" "5224843" "4914522" "4956648" "4384296" "4347521" "4275401" "3709432" "3373437" "1941001" "20030174190" "20030112302" "20030081064").pn. and electrode same (direct\$3 or steer\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 15:50
S37	2	("6213595").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 15:49
S38	0	("6213595").pn. and piezo	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 15:49
S39	13	("6588888" "6572222" "6536873" "6527357" "6517197" "6508543" "6491362" "6457797" "6367909" "6217163" "6213595" "6079821" "5224843" "4914522" "4956648" "4384296" "4347521" "4275401" "3709432" "3373437" "1941001" "20030174190" "20030112302" "20030081064").pn. and actuat\$3 with (piezo or piezo\$electric or PZT)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 15:51

## EAST Search History

S41	10	("6588888" "6572222" "6536873" "6527357" "6517197" "6508543" "6491362" "6457797" "6367909" "6217163" "6213595" "6079821" "5224843" "4914522" "4956648" "4384296" "4347521" "4275401" "3709432" "3373437" "1941001" "20030174190" "20030112302" "20030081064").pn. and actuat\$3 with (moving or movable or mov\$3 or location or position)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 15:56
S42	10	("6588888" "6572222" "6536873" "6527357" "6517197" "6508543" "6491362" "6457797" "6367909" "6217163" "6213595" "6079821" "5224843" "4914522" "4956648" "4384296" "4347521" "4275401" "3709432" "3373437" "1941001" "20030174190" "20030112302" "20030081064").pn. and actuat\$3 with (moving or movable or mov\$3 or location or position\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 15:55
S43	6	("6588888" "6572222" "6536873" "6527357" "6517197" "6508543" "6491362" "6457797" "6367909" "6217163" "6213595" "6079821" "5224843" "4914522" "4956648" "4384296" "4347521" "4275401" "3709432" "3373437" "1941001" "20030174190" "20030112302" "20030081064").pn. and steer\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 16:03
S44	27	("6588888" "6572222" "6536873" "6527357" "6517197" "6508543" "6491362" "6457797" "6367909" "6217163" "6213595" "6079821" "5224843" "4914522" "4956648" "4384296" "4347521" "4275401" "3709432" "3373437" "1941001" "20030174190" "20030112302" "20030081064").pn. and (heat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 16:03
S45	3	("6588888" "6572222" "6536873" "6527357" "6517197" "6508543" "6491362" "6457797" "6367909" "6217163" "6213595" "6079821" "5224843" "4914522" "4956648" "4384296" "4347521" "4275401" "3709432" "3373437" "1941001" "20030174190" "20030112302" "20030081064").pn. and (heat\$3) and (nozzle or orifice) with plate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 16:03

## EAST Search History

S46	962	"347"/\$3 and (heater with chamber same ((nozzle or orifice) with plate))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 16:05
S47	397	"347"/\$3 and (heater with chamber with ((nozzle or orifice) with plate))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 16:11
S48	2	"4494128".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 16:11
S49	52	("6588888" "6572222" "6536873" "6527357" "6517197" "6508543" "6491362" "6457797" "6367909" "6217163" "6213595" "6079821" "5224843" "4914522" "4956648" "4384296" "4347521" "4275401" "3709432" "3373437" "1941001" "20030174190" "20030112302" "20030081064").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 16:23
S50	1316	dante.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/20 16:16
S51	9	dante.in. and "347"/\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/20 16:18
S52	49	"347"/\$3 and (movable near actuator)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/20 16:21
S53	148	"347"/\$3 and ((movable or moved or move or moves or moving or re\$locat\$3 or chang\$3) near actuator with position)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/20 16:22



## EAST Search History

S54	214	"347"/\$3 and ((movable or moved or move or moves or moving or re\$locat\$3 or chang\$3) near4 actuator near4 position)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/20 16:22
S55	0	("6588888" "6572222" "6536873" "6527357" "6517197" "6508543" "6491362" "6457797" "6367909" "6217163" "6213595" "6079821" "5224843" "4914522" "4956648" "4384296" "4347521" "4275401" "3709432" "3373437" "1941001" "20030174190" "20030112302" "20030081064").pn. and acutat\$3 with mov\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 16:24
S56	0	("6588888" "6572222" "6536873" "6527357" "6517197" "6508543" "6491362" "6457797" "6367909" "6217163" "6213595" "6079821" "5224843" "4914522" "4956648" "4384296" "4347521" "4275401" "3709432" "3373437" "1941001" "20030174190" "20030112302" "20030081064").pn. and actuat\$3 with mov\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 16:24
S57	22	("6588888" "6572222" "6536873" "6527357" "6517197" "6508543" "6491362" "6457797" "6367909" "6217163" "6213595" "6079821" "5224843" "4914522" "4956648" "4384296" "4347521" "4275401" "3709432" "3373437" "1941001" "20030174190" "20030112302" "20030081064").pn. and actuat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/20 16:24
S58	0	"347"/\$3 and (acutator with movable with chamber)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/20 16:28
S59	98	"347"/\$3 and (actuator with movable with chamber)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/20 16:30

## EAST Search History

S60	27	"347"/\$3 and (actuator with movable with chamber) not silverbrook	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/20 16:31
S61	2	"20010045973"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/21 07:59
S62	2	"20020107303"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/21 10:42
S63	1	10/858556	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/21 10:52
S64	11	"1323789"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/04/21 10:52
S65	1	10/824507	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 12:23
S66	1492	347/54	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 11:49
S67	2	"20010045973"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 11:59

## EAST Search History

S68	1	"200298547"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 12:23
S69	2	"20020098547"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 12:23
S70	2	"20020093547"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/21 12:23
S71	1	10/824507	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2006/08/21 16:11
S72	2	"6213595".pn. and heater	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/22 08:09
S73	1	"6213595".pn. and heater same (drop or droplet)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/22 08:09
S74	27	("6588888" "6572222" "6536873" "6527357" "6517197" "6508543" "6491362" "6457797" "6367909" "6217163" "6213595" "6079821" "5224843" "4914522" "4956648" "4384296" "4347521" "4275401" "3709432" "3373437" "1941001" "20030174190" "20030112302" "20030081064").pn. and (steer\$3 or deflect\$3) and (form\$3 or eject\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/22 13:16

## EAST Search History

S75	1	10/824507	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/08/23 13:03
S76	52	("6588888" "6572222" "6536873" "6527357" "6517197" "6508543" "6491362" "6457797" "6367909" "6217163" "6213595" "6079821" "5224843" "4914522" "4956648" "4384296" "4347521" "4275401" "3709432" "3373437" "1941001" "20030174190" "20030112302" "20030081064").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/23 13:15
S77	1586	347/54	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/23 14:31
S78	2	"20020085057"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/08/23 14:31
S79	6	("6572222" "20020060709" "20020085057").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/11 10:04
S80	2	"6572222".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/01/09 14:23
S81	1	10/824507	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/11/08 13:59
S82	1700	347/54	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/01/09 14:31

## EAST Search History

S83	612	347/54.ccls. not silverbrook	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/01/09 14:32
S84	3	347/54.ccls. and (steer\$3) not silverbrook	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/01/09 14:32
S85	157	347/54.ccls. and (steer\$3 or charg\$3) not silverbrook	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/01/09 14:33
S87	326	"347"\$3 and (steer\$3 with (ink or drop\$4 or print\$3 or liquid)) not silverbrook	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/01/12 08:51
S88	110	"347"\$3 and ((actuat\$3 or paddle or valve or heat\$3) same steer\$3 with (ink or drop\$4 or print\$3 or liquid)) not silverbrook	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/01/12 08:52
S89	33	"347"\$3.ccls. and ((actuat\$3 or paddle or valve or heat\$3) same steer\$3 with (ink or drop\$4 or print\$3 or liquid)) not silverbrook	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/01/12 10:32
S90	1	"6536882".pn. and (heat\$3 and steer\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/01/12 10:34
S91	2	"6536882".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/01/17 08:06

## EAST Search History

S92	2	"6572222".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/05 09:28
S93	2	"6572222".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/04/05 12:26
S94	2	"6213595".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/04/05 10:02
S95	58	"347"/\$3 and (drop or droplet or fluid or liquid or ink) near2 (steer\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/04/05 10:02
S96	74	"347"/\$3 and (drop or droplet or fluid or liquid or ink) near2 (steer\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/04/05 10:07
S97	2	"6213595".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/04/05 12:36
S98	2	"6561616".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/04/05 13:30
S99	25783	"347"/\$3 and (drop\$4 or ink or eject\$4 or print\$3) near3 (steer\$3 or mov\$3 or direct\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/10 09:26

## EAST Search History

S10 0	127	"347"/\$3 and (drop\$4 or ink or eject\$4 or print\$3) near3 (steer\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/10 09:26
S10 1	68	"347"/\$3 and (drop\$4) near3 (steer\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/10 10:05
S10 2	2	"20030112302"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/10 09:51
S10 3	3	"6588890"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/07/10 09:52
S10 4	0	("6561616" "6536882" "2003011302").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/07/10 10:05
S10 5	9	("6561616" "6536882" "2003011302").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/10 10:06
S10 6	9	("6561616" "6536882" "2003011202").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/10 10:06
S10 7	6	("6561616" "6536882" "20030112302").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/10 10:27
S10 8	1	2002-437284.NRAN.	DERWENT	AND	OFF	2007/07/10 10:07

## EAST Search History

S109	1	2002-149641.NRAN.	DERWENT	AND	OFF	2007/07/10 10:07
S110	6	("6561616" "6536882" "20030112302").pn. and (eject\$3 or print\$3 or drop\$4 near form\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/10 12:09
S111	49	"347"/\$3 and (continuous with electrode with eject\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/10 10:29
S112	49	"347"/\$3 and (continuous with electrode with eject\$4) and electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/10 10:31
S113	1111	(continuous and drop near demand) and "347"/\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/10 12:41
S114	11	("20030112302" "1201435").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/07/12 12:51
S115	2	"20030112302"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/08 13:47
S116	6234	"347"/\$3 and (steer\$3 or direction or mov\$3) same (velocity or speed) near4 (ink or drop\$2 or droplets or eject\$3 or print\$3 or liquid)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/11/08 14:39
S117	2394	"347"/\$3 and (steer\$3 or direction) with (velocity or speed) near4 (ink or drop\$2 or droplets or eject\$3 or print\$3 or liquid)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/11/08 14:39



## EAST Search History

S11 8	3	"347"/\$3 and (steer\$3) with (velocity or speed) near4 (ink or drop\$2 or droplets or eject\$3 or print\$3 or liquid)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/11/08 14:44
S11 9	29	"347"/\$3 and (steer\$3) same (velocity or speed) near4 (ink or drop\$2 or droplets or eject\$3 or print\$3 or liquid)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/11/08 14:45
S12 0	87	"347"/\$3 and (steer\$3 or (chang\$3 near direction)) same (velocity or speed) near4 (ink or drop\$2 or droplets or eject\$3 or print\$3 or liquid)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/11/08 14:45
S12 1	3	"347"/\$3 and (steer\$3) with (velocity or speed) near4 (ink or drop\$2 or droplets or eject\$3 or print\$3 or liquid)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	OFF	2007/11/08 14:45
S12 2	22	"347"/\$3 and (steer\$3 or (chang\$3 near direction)) with (velocity or speed) near4 (ink or drop\$2 or droplets or eject\$3 or print\$3 or liquid)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/11/08 14:51
S12 3	1	10/824507 and velocity same (path or angle or trajectory)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/08 14:57
S12 4	15	"347"/\$3 and (steer\$3 or (chang\$3 near direction)) with (velocity or speed) with (path or angle or trajectory)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/11/08 14:52
S12 5	4	"347"/\$3 and (steer\$3) with (velocity or speed) with (path or angle or trajectory)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/11/08 14:53

## EAST Search History

S12 6	1605	"347"/\$3 and (actuat\$4) with (tragectory or trajectory or path or steer\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/11/08 14:55
S12 7	64	"347"/\$3 and (actuat\$4) with (tragectory or trajectory or path or steer\$3) with (velocity or speed)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/11/08 14:58
S12 8	190	"347"/\$3 and (energy or heat\$3 or actuat\$3) with (tragectory or trajectory or path or steer\$3) with (velocity or speed)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/11/08 15:00
S12 9	37	"347"/\$3 and (energy or heat\$3 or actuat\$3) same (tragectory or trajectory or path or steer\$3) same (velocity or speed) same steer\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/11/08 15:12
S13 0	2	"347"/\$3 and (drop or droplet or ink or eject\$3 or print\$3 or liquid) with (steer or (chang\$3 near direction)) with (energy) with (velocity or speed)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/11/08 15:14
S13 1	32	"347"/\$3 and (drop or droplet or ink or eject\$3 or print\$3 or liquid) with (steer or (chang\$3 near direction)) with (velocity or speed)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/11/08 15:15
S13 2	4	("6588888" "6572222" "6536873" "6527357" "6517197" "6508543" "6491362" "6457797" "6367909" "6217163" "6213595" "6079821" "5224843" "4914522" "4956648" "4384296" "4347521" "4275401" "3709432" "3373437" "1941001" "20030174190" "20030112302" "20030081064").pn. and actuat\$3 with (moving or movable or mov\$3 or location)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/08 15:18

## EAST Search History

S13 3	25	("6588888" "6572222" "6536873" "6527357" "6517197" "6508543" "6491362" "6457797" "6367909" "6217163" "6213595" "6079821" "5224843" "4914522" "4956648" "4384296" "4347521" "4275401" "3709432" "3373437" "1941001" "20030174190" "20030112302" "20030081064").pn. and (velocity or speed)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/08 15:22
S13 4	11	("6588888" "6572222" "6536873" "6527357" "6517197" "6508543" "6491362" "6457797" "6367909" "6217163" "6213595" "6079821" "5224843" "4914522" "4956648" "4384296" "4347521" "4275401" "3709432" "3373437" "1941001" "20030174190" "20030112302" "20030081064").pn. and (velocity or speed) same (steer\$3 or direction or angle or path or chang\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/09 07:24
S13 5	1922	"347"/\$3 and (velocity or speed) with (liquid or ink or fluid) with (steer\$3 or angle or direction)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/09 07:25
S13 6	407	"347"/\$3 and (velocity or speed) with (liquid or ink or fluid) with (steer\$3 or angle or direction) same (heat\$3 or energy or actuat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/11/09 07:26
S13 7	550	347/77 or 347/75	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/15 13:01
S13 8	133	"347"/\$3 and (steer\$3 or angle or position\$3 or path or direction) with (velocity) with (energy or perturbance or actuat\$3 or disturbance or perturb\$3 or disturb\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/15 13:02
S13 9	3	S137 and (steer\$3 or angle or position\$3 or path or direction) with (velocity) with (energy or perturbance or actuat\$3 or disturbance or perturb\$3 or disturb\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/15 12:35

## EAST Search History

S14 0	4	("20040183873" or "20050068389").pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/15 10:20
S14 1	43	S137 and (velocity) with (energy or perturbation or actuat\$3 or disturbance or perturb\$3 or disturb\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/15 12:38
S14 2	23	"347"/\$3 and ((steer\$3 or angle or position\$3 or path or direction) with (velocity) with (energy or perturbation or actuat\$3 or disturbance or perturb\$3 or disturb\$3)).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/15 13:07
S14 3	2	"20030063166"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/03 10:35
S14 4	0	"20030063166" and (actuat\$3 same velocity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/11/15 13:25